BULLETIN

OF

MISCELLANEOUS INFORMATION.

APPENDIX IV.—1910.

LIST of STAFFS of the ROYAL BOTANIC GARDENS, Kew, and of Botanical Departments, Establishments and Officers at Home, and in India and the Colonies, in Correspondence with Kew.

* Trained at Kew. † Recommended by Kew.

Royal Botanic Gardens, Kew.—

Director - - - - -	Lieut.-Col. D. Prain, I.M.S., C.I.E., M.A., M.B., LL.D., F.R.S., F.L.S.
Assistant Director - - -	Arthur W. Hill, M.A., F.L.S.
Assistant (Office) - - -	*John Aikman.
„ „ - - -	*William Nicholls Winn.

Keeper of Herbarium and Library	Otto Stapf, Ph.D., F.R.S., F.L.S.
Assistant Keeper (Cryptogams) -	George Massee, F.L.S.
„ „ (Phanerogams)-	Charles Henry Wright, A.L.S.
„ „ (Herbarium) -	Nicholas Edward Brown, A.L.S.
„ (Herbarium) - -	*Robert Allen Rolfe, A.L.S.
„ „ - -	*Sidney Alfred Skan.
„ „ - -	Thomas Archibald Sprague, B.Sc., F.L.S.
„ „ - -	Arthur Disbrowe Cotton, F.L.S.
„ „ - -	Jessie Jane Clark, B.Sc.
„ „ - -	Elsie Maud Wakefield.
„ for Tropical Africa -	*John Hutchinson.
„ for India - - -	William Grant Craib, M.A.

Assistant Keeper (Jodrell Laboratory).	Leonard Alfred Boodle, F.L.S.

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Royal Botanic Gardens, Kew—*continued.*

Keeper of Museums	John Masters Hillier
Assistant (Museums)	*John H. Holland, F.L.S.
„ „	*William Dallimore.
Preparer	George Badderly.

Curator of the Gardens	William Watson, A.L.S.
Assistant Curator	*William J. Bean.
Foremen :—	
Herbaceous Department	*Walter Irving.
Arboretum	*Arthur Osborn.
Greenhouse and Ornamental Department.	*John Coutts.
Tropical Department	*Charles P. Raffill.
Temperate House	*William Taylor.
Storekeeper	*George Dear.

Aberdeen.—University Botanic Garden :—

Professor	J. W. H. Trail, M.A., M.D., F.R.S., F.L.S.

Cambridge.—University Botanical Department :—

Professor	A. C. Seward, M.A., F.R.S., F.L.S.
Curator, University Herbarium.	C. E. Moss, D.Sc.
Curator, University Museum.	H. H. Thomas, B.A.
Curator of Garden	*Richard Irwin Lynch, M.A., A.L.S.

Dublin.—Royal Botanic Gardens, Glasnevin :—

Keeper	Frederick W. Moore, M.A., A.L.S.
Assistant	*C. F. Ball.

Trinity College Botanic Gardens :—

Professor	H. H. Dixon, Sc.D., F.R.S.

Edinburgh.—Royal Botanic Garden :—

Regius Keeper	I. B. Balfour, M.A., M.D., LL.D., Sc.D., F.R.S., F.L.S.
Assistant (Museum)	H. F. Tagg, F.L.S.
„ (Herbarium)	*J. F. Jeffrey.
Head Gardener	*R. L. Harrow.
Assistant Gardener	Henry Hastings.

Glasgow.—Botanic Gardens :—

University Professor	F. O. Bower, M.A., Sc.D., F.R.S., F.L.S.
Curator	James Whitton,

Oxford.—University Botanic Garden :—

	Professor - - -	Sydney H. Vines, M.A., Sc.D., F.R.S., F.L.S.
	Curator - - -	*William Baker.

AFRICA.

British East Africa Protectorate.—

Nairobi -	Director of Agriculture.	Hon. A. C. Macdonald.
	Assistant - - -	*Henry Powell.
	Conservator of Forests	D. E. Hutchins.

Cape Colony.—

Cape Town -	Hon. Curator, Government Herbarium.	Prof. H. H. W. Pearson, M.A., Sc.D., F.L.S.
	Conservator of Forests	J. S. Lister, I.S.O.
	Gardens and Public Parks :—	
	Superintendent - -	H. J. Chalwin.

Grahamstown.—Albany Museum :—

	Superintendent of Herbarium.	S. Schönland, Ph.D., F.L.S.
	Gardens and Public Parks :—	
	Curator - - -	E. J. Alexander.
Port Elizabeth -	Superintendent - -	John T. Butters.
King Williamstown.	Curator - - -	George Lockie.
Graaff-Reinet -	,, - - -	*C. J. Howlett.
Uitenhage -	,, - - -	H. Fairey.

Egypt.—

Cairo.—Khedivial Agricultural Society :—

	Secretary - - -	G. P. Foaden, B.Sc.

Gold Coast.—Botanic and Agricultural Department :—

	Director of Agriculture.	W. S. D. Tudhope.
	Travelling Instructor	*Alfred E. Evans.
	Curator - - -	A. F. Gear.
	,, - - -	*Robert Band.
	,, - - -	*A. C. Miles.
	,, - - -	C. Saunders.
	,, - - -	M. D. Reece.
	,, - - -	*A. R. Gould.
	Conservator of Forests -	N. C. McLeod.

Natal.—Botanic Gardens :—

Durban	Director	John Medley Wood, A.L.S.
	Curator	*James Wylie.

Northern Nigeria.—

	Conservator of Forests	B. E. B. Shaw.

Nyasaland Protectorate.—

Agricultural and Forestry Department :—

Zomba	Director of Agriculture.	J. S. J. McCall.
	Chief Forest Officer	*J. M. Purves.
	Forester	*E. W. Davy.

Orange River Colony.—Department of Agriculture :—

	Chief of Forestry Division.	K. A. Carlson.

Rhodesia.—

Bulawayo.—Rhodes Matopo Park :—

	Curator	W. E. Dowsett.

Salisbury.—Department of Agriculture :—

	Director	E. A. Nobbs, Ph.D., B.Sc.

Sierra Leone.—Botanic Station :—

	Agricultural Superintendent	——

Soudan.—

Khartoum	Director of Woods and Forests.	A. F. Broun.
	Superintendent of Palace Gardens.	*F. S. Sillitoe.
Jebelin	Superintendent of Experimental Plantations.	*T. Cartwright.

Southern Nigeria.—Agricultural Department :—

	Director of Agriculture.	*W. H. Johnson, F.L.S.
	Assistant Director	W. Hopkins.
	Curator	*William Don.
	,,	*R. Gill.
	,,	*T. D. Maitland.
	,,	*A. B. Culham.
	Assistant	*T. B. Dawodu.
	Conservator of Forests	H. N. Thompson.

Transvaal.—Department of Agriculture :—

Pretoria - -	Botanist - - -	J. Burtt Davy, F.L.S.
	Mycologist - -	†I. B. Pole Evans, B.Sc., F.L.S.
	Conservator of Forests -	C. E. Legat.

Uganda.—Botanical, Forestry and Scientific Department :—

Entebbe - -	Officer - in - Charge, and Superintendent of Forests.	——
	Assistant - - -	*Robert Fyffe.
	Government Plantations :—	
	Superintendent - -	J. L. Innes-Lillingston.
Zanzibar - -	Director of Agriculture	R. N. Lyne, F.L.S.
	Dunga Experimental Station :—	
	Superintendent -	W. Buzzacott.

AUSTRALIA.

New South Wales.—Botanic Gardens :—

Sydney - -	Director and Government Botanist.	J. H. Maiden, F.L.S.
	Superintendent -	George Harwood.
	Botanical Assistant -	E. Betche.
	Technological Museum :—	
	Curator - - -	R. T. Baker, F.L.S.
	Chief Forest Officer - - -	R. D. Hay.

Queensland.—

Brisbane - -	Colonial Botanist -	F. M. Bailey, F.L.S.
	Botanic Gardens :—	
	Director - - -	J. F. Bailey.
	Acclimatisation Society's Gardens :—	
	Secretary - - -	H. J. Johnson.
	Overseer - - -	James Mitchell.
	Forest Department :—	
	Director - - -	*Philip MacMahon.
Cairns.—Kamerunga State Nursery :—		
	Manager - - -	Howard Newport.
	Overseer - - -	C. E. Wood.
Rockhampton -	Superintendent - -	R. Simmons.

South Australia.—Botanic Gardens :—

Adelaide - -	Director - - -	Maurice Holtze, Ph.D., F.L.S.
Port Darwin -	Curator - - -	Nicholas Holtze.
	Woods and Forests :—	
	Conservator - -	Walter Gill, F.L.S.

Tasmania.—

Hobart Town -	Government Botanist	Leonard Rodway.
	Chief Forests Officer -	J. C. Penny.
	Botanic Gardens :—	
	Director - - -	Alex. Morton.

Victoria.—Botanic Gardens :—

Melbourne -	Director - - -	—. Cronin.
	National Herbarium :—	
	Government Botanist-	A. J. Ewart, D.Sc., Ph.D., F.L.S.
	Conservator of Forests - - -	H. R. Mackay.

BERMUDA.

Botanic Station :—

Superintendent - - - - *Thomas J. Harris.

BRITISH HONDURAS.

Botanic Station :—

Curator - - - - - - - Eugene Campbell.

CANADA.

Ottawa - -	Dominion Botanist -	Prof. John Macoun, M.A., F.R.S.C.
	Assistant „ -	Jas. M. Macoun.
	Director of Government Experimental Farms.	Prof. Wm. Saunders, C. M. G., LL.D., F.R.S.C., F.L.S.
	Director's Assistant and Superintendent of Botanic Garden.	W. T. Macoun.
	Botanist - - -	H. T. Güssow.
	Assistant Botanist -	H. Groh.
Montreal -	Professor of Botany, McGill University.	——

CEYLON.

Peradeniya.—Royal Botanic Gardens :—

Director	†John C. Willis, Sc.D., F.L.S.
Assistant Director	R. H. Lock, M.A.
Government Mycologist	†T. Petch, B.A., B.Sc.
Superintendent, Experiment Station	C. J. C. Mee, F.L.S.
Curator	*Hugh F. Macmillan, F.L.S.
Superintendent of School Gardens	C. Drieberg, B.A.
Hakgala - Curator	——
Heneratgoda - Conductor	D. F. de S. Gunaratna.

Maha-iluppalama.—Experiment Station :—

Superintendent	C. J. C. Mee, F.L.S.
Nuwara Eliya - Curator	——
Conservator of Forests	T. J. Campbell.

CYPRUS.

Principal Forest Officer	A. K. Bovill.
Director of Agriculture	D. Saracomenos.

FALKLAND ISLANDS.

Government House Garden :—

Head Gardener	*A. W. Benton.

FIJI.

Superintendent of Agriculture	Charles H. Knowles.

Botanic Station :—

Curator	*Daniel Yeoward.

HONG KONG.

Botanic and Forestry Department :—

Superintendent	*W. J. Tutcher, F.L.S.
Assistant Superintendent	——

MALTA.

Argotti Botanic Garden :—

Director - - - - - - Francesco Debono, M.D.

MAURITIUS.

Pamplemousses.—Department of Forests and Botanic Gardens :—

Director - - - - - - Paul Koenig.
1st Assistant - - - - - S. E. Pougnet.
2nd „ - - - - - F. Bijoux.

Reduit - - Overseer - - - W. A. Kennedy.
Forest Officer - - - - - F. Gleadow.

NEW ZEALAND.

Wellington.—Department of Agriculture :—

Biologist - - - - T. W. Kirk.

State Forest Department :—

Chief Forester - - - Henry John Matthews.

Colonial Botanic Garden :—

Head Gardener - - - ——

Dunedin - - Superintendent - - *D. Tannock.

Napier - - „ - - W. Barton.

Invercargill - Head Gardener - - ——

Auckland - Ranger - - - William Goldie.

Christchurch - Head Gardener - - - *Ambrose Taylor.

SEYCHELLES.

Botanic Station :—

Curator - - - - - - P. R. Dupont, F.L.S.

STRAITS SETTLEMENTS.

Straits Settlements.—Botanic Gardens :—

Singapore - Director - - - †H. N. Ridley, M.A., F.R.S., F.L.S.

Assistant Superintendent. - *R. Derry.

„ „ *J. W. Anderson.

Federated Malay States.—Forest Department :—

Conservator - -	A. M. Burn-Murdoch.

Kuala Lumpur.—Agricultural Department :—

Director of Agriculture.	†L. Lewton-Brain, B.A., F.L.S.
Assistant Director -	†F. G. Spring.
Assistant Mycologist -	†C. K. Bancroft, B.A.
„ „	†E. Bateson.
Economic Botanist -	——

Perak (Taiping).—Government Gardens and Plantations :—

Superintendent - -	*W. L. Wood.

WEST INDIES.

Imperial Department of Agriculture :—

Barbados - -	Commissioner - -	Francis Watts, C.M.G., D.Sc., F.I.C., F.C.S.
	Scientific Assistant -	A. H. Kirby, B.A.
	Mycologist and Agricultural Lecturer.	†F. W. South, B.A.

Antigua.—Government Chemist and Superintendent of Agriculture, Leeward Islands. — H. A. Tempany, B.Sc., F.I.C., F.C.S.

Botanic Station :—

Curator - - -	*T. Jackson.
Agricultural Assistant	J. H. Roden.

Barbados.—Department of Agriculture.

Superintendent -	John R. Bovell, I.S.O., F.L.S., F.C.S.
Agricultural Assistant	J. L. Cozier.

Dominica.—Botanic Station :—

Curator - -	*Joseph Jones.
Assistant Curator -	G. A. Jones.

Agricultural School :—

Officer in Charge -	*Archibald Brooks.

Grenada.—Botanic Garden :—

Agricultural Superintendent.	G. G. Auchinleck, B.Sc.
Agricultural Instructor	G. F. Branch.

Montserrat.—Botanic Station :—

Curator - - -	*W. Robson.

St. Kitts-Nevis.—Botanic Station :—

Agricultural Superintendent.	F. R. Shepherd.
Agricultural Instructor, Nevis.	J. O. Maloney.

St. Lucia.—Botanic Station :—

Agricultural Superintendent.	*John Chisnall Moore.
Agricultural Instructor	——

St. Vincent.—Botanic Station :—

Agricultural Superintendent.	*W. N. Sands.
Agricultural Instructor.	G. Fraser.

Agricultural School :—

Officer in Charge	*W. H. Patterson.

Virgin Islands.—

Agricultural Instructor.	*W. C. Fishlock.

Bahamas.—Botanic Station :—

Curator	W. M. Cunningham.

British Guiana.—Department of Science and Agriculture :—

Georgetown	Director	Prof. J. B. Harrison, C.M.G., M.A., F.I.C., F.C.S.
	Assistant Director and Government Botanist.	F. A. Stockdale, B.A., F.L.S.
	Forestry Officer	C. W. Anderson.
	Head Gardener	†John F. Waby, F.L.S.
	Assistant Gardener	F. Greeves.
	Agricultural Superintendent.	*Robert Ward.

Jamaica.—Department of Agriculture :—

	Director	Hon. H. H. Cousins, M.A., F.C.S.
	Travelling Instructor	*William Cradwick.
	„ „	James Briscoe.
Hope Gardens and Experiment Station, Hill, Parade, and Castleton Gardens.	Superintendent	*William Harris, F.L.S.
King's House Garden.	„	*William J. Thompson.

Tobago.—Botanic Station :—

Acting Curator	*W. E. Broadway.
Agricultural Instructor	W. E. Augustus.

Trinidad.—Department of Agriculture :—

Director - - -	Prof. P. Carmody, F.I.C., F.C.S.
Assistant Director and Government Botanist.	——
Mycologist - -	J. B. Rorer, M.A.
Curator, Royal Botanic Gardens.	*F. Evans.
Forest Officer - - -	C. S. Rogers.

INDIA.

Botanical Survey of India :—

Director - - - - - -	Major A. T. Gage, I.M.S., M.A., M.B., B.Sc., F.L.S.

Officers associated with Survey :—

Major A. T. Gage, I.M.S., M.A., M.B., B.Sc., F.L.S.	Superintendent, Royal Botanic Garden, Calcutta.
†W. Burns, B.Sc. - - - -	Economic Botanist, Bombay.
†C. A. Barber, M.A., Sc.D., F.L.S. -	Government Botanist, Madras.
†H. M. Leake, M.A., F.L.S. - -	Economic Botanist, United Provinces.

Departments of Agriculture, Botanical Officers attached to :—

Imperial Agricultural Research Institute, Pusa, Bengal :—

Mycologist - - - -	†E. J. Butler, M.B., F.L.S.
Economic Botanist - -	A. Howard, M.A., F.L.S.
Supernumerary Botanist -	†E. Holmes Smith.

Bengal Agricultural Department, Calcutta :—

Economic Botanist - -	E. J. Woodhouse, B.A., F.L.S.

Bombay Agricultural College, Poona :—

Economic Botanist - -	†W. Burns, B.Sc.

Central Provinces Agricultural Department, Nagpur :—

Economic Botanist - -	†R. J. D. Graham, M.A., B.Sc.

Departments of Agriculture, Botanical Officers attached to—*continued.*

Madras Agricultural Department:—

Government Botanist	†C. A. Barber, M.A., Sc.D., F.L.S.
Mycologist	†W. McRae, M.A., B.Sc.

Punjab Agricultural Department, Lyallpur:—

Economic Botanist	†D. Milne, B.Sc.

Agricultural College, Cawnpur, United Provinces:—

Economic Botanist	†H. M. Leake, M.A., F.L.S.

Eastern Bengal and Assam Agricultural Department:—

Economic Botanist	P. G. Hector, B.Sc.

Department of Economic Products:—

Reporter on Economic Products to the Government of India.	*I. H. Burkill, M.A., F.L.S.,Superintendent, Industrial Section, Indian Museum, Calcutta.

BENGAL.

Calcutta.—Royal Botanic Garden, Sibpur:—

Superintendent	Major A. T. Gage, I.M.S., M.A., M.B., B.Sc., F.L.S.
Curator of Herbarium	†W. W. Smith, M.A.
Curator of Garden	*G. T. Lane.
Assistant Curator	*A. E. Brown.
Overseer	A. G. Laurence.
Probationer	*E. S. Dodd.

Gardens in Culcutta:—

Assistant Curator	*J. T. Johnson.
Overseer	S. N. Bose.

Agri-Horticultural Society of India:—

Secretary	F. Abbott.
Superintendent	P. Lancaster.

Darjeeling.—Lloyd Botanic Garden:—

Superintendent	Major A. T. Gage, I.M.S., M.A., M.B., B.Sc., F.L.S.
Curator	*G. H. Cave.

Cinchona Department.—

Superintendent of Cinchona Cultivation and Government Quinologist.	Major A. T. Gage, I.M.S. M.A., M.B., B.Sc., F.L.S.

Cinchona Department—*continued.*

Mungpoo Plantation :—

Manager	*P. T. Russell.
Overseer	W. Cousins.

Munsong Plantation :—

Manager	*J. Parkes.
Assistant Manager	*W. A. Kennedy.
„ „	*H. F. Green.
Overseer	G. Holl.

BOMBAY.

Bombay City.—Municipal Garden :—

Superintendent	C. D. Mahaluxmivala.

Ghorpuri.—Botanic Garden :—

Superintendent	P. G. Kanetkar.

Poona.—Government Gardens :—

Superintendent	*E. Little.

CENTRAL PROVINCES.

Nagpur.—Public Gardens :—

Superintendent	*J. E. Leslie.

MADRAS.

Madras City.—Agri-Horticultural Society :—

Hon. Secretary	P. F. Fyson, B.A., F.L.S.
Superintendent	H. E. Houghton, F.L.S.

Ootacamund.—Government Gardens and Parks :—

Curator	*F. H. Butcher.

Cinchona Department.—

Director of Cinchona Plantations	W. M. Standen.
Superintendent, Dodabetta Plantation.	H. V. Ryan.
Superintendent, Nedivattam and Hooker Plantations.	E. Collins.

PUNJAB.

Delhi.—Historic and other Gardens :—

Superintendent	*R. H. Locke.

Lahore.—Government Gardens :—
Superintendent - - - - *A. Hardie.
Agri-Horticultural Gardens :—
Superintendent - - - - *W. R. Mustoe.

Simla.—Vice-regal Estate Gardens :—
Superintendent - - - *Ernest Long.

NORTH-WEST FRONTIER PROVINCE.

Agri-Horticulturist - - - *W. R. Brown.

UNITED PROVINCES OF AGRA AND OUDH.

Agra.—Taj and other Gardens :—
Superintendent - - - - *A. E. P. Griessen.

Allahabad.—Government Gardens :—
Superintendent - - - - *W. Head.

Cawnpur.—Memorial and other Gardens :—
Superintendent - - - - *R. Badgery.

Kumaon.—Government Gardens :—
Superintendent - - - - *Norman Gill, F.L.S.

Lucknow.—Horticultural Gardens :—
Superintendent - - - - *H. J. Davies.
Probationer - - - - - *E. E. Mawer.

Saharanpur.—Government Botanic Gardens :—
Superintendent - - - - *A. C. Hartless.

Dehra Dun.—Imperial Forest Research Institute :—
Imperial Forest Botanist - - R. S. Hole, F.L.S.

EASTERN BENGAL AND ASSAM.

Ramna.—Landscape Gardener and Arboricultural Expert. *R. L. Proudlock.

NATIVE STATES.

Mysore (Bangalore) :—
Economic Botanist - - - *G. H. Krumbiegel.

Baroda :—
Superintendent - - - - *B. Cavanagh.

Travancore (Trivandrum) :—
Director - - - - - Major F. W. Dawson.

Udaipur :—
Superintendent - - - - T. H. Storey.

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